



Prevention of dye-bleeding and transfer during laundering

Description of Technology: The present invention relates to the prevention or suppression of the bleeding of dyes from fabrics into the wash water and the transfer of dyes between fabrics during laundering.

Patent Listing:

1. **US Patent No. 5,707,040**, Issued January 13, 1998, "Prevention of dye-bleeding and transfer during laundering"

<http://patft.uspto.gov/netacgi/nph-Parser?Sect2=PTO1&Sect2=HITOFF&p=1&u=%2Fnethtml%2FPTO%2Fsearch-bool.html&r=1&f=G&l=50&d=PALL&RefSrch=yes&Query=PN%2F5707949>

Market Potential: Textile fabrics, such as nylon, rayon, acetate, cotton and wool, suffer from dye loss or bleeding when laundered at the high pH and temperatures characteristic of conventional laundering operations. Not only does this loss of dye degrade the esthetics of the fabrics being laundered, but once dye has bled into the wash water, transfer to other textiles can readily occur. While separation of differently colored fabric may minimize the problem, such separation in small washing loads is time-consuming and dye bleeding continues to occur. Moreover, frequently the trim of a garment is of a different color than that of a garment, or the garment has white trim and cannot conveniently be separated from the garment.

Benefits:

- Colors won't bleed into other clothing during laundering.

Applications:

- Preventions of bleeding dyes when laundered

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